

Mineral Industry Surveys

For information, contact:

Donald W. Olson, Gypsum Commodity Specialist
U.S. Geological Survey
983 National Center
Reston, VA 20192
Telephone: (703) 648-7721, Fax: (703) 648-7722
E-mail: dolson@usgs.gov

Virginia C. Harper (Data)
Telephone: (703) 648-7983
Fax: (703) 648-7975

Internet: <http://minerals.usgs.gov/minerals>

GYPSUM IN DECEMBER 2002

Producers mined 1.21 million metric tons (Mt) of gypsum in December 2002 (table 1). Output was slightly less than that of November 2002 and slightly more than that of December 2001. Synthetic gypsum production was 462,000 metric tons (t) in December 2002 (table 1), which was 10% more than that of November 2002 and 46% less than that of December 2001. Both mined and synthetic gypsum are used as raw material for wallboard. During the period January through November 2002, synthetic gypsum accounted for 4.80 Mt or about 18% of the 26.4 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 474,000 t (table 2), 17% less than that of November 2002 and 28% less than that of December 2001.

Output of calcined gypsum (table 1) was 1.40 Mt, 6% less than that of November 2002, and 34% less than that of December 2001. Sales of board products were about 2.2 billion

square feet (203 million square meters), slightly less than that of November 2002 and 7% more than that of December 2001.

Import and export data for December 2002 were not available at the time of publication. Imports of crude gypsum in November 2002 were 730,000 t (table 3), 28% more than that of October 2002 and 5% less than that of November 2001. Gypsum wallboard imports, principally from Canada, for November 2002 were 29,000 t, equivalent to 35 million square feet (3.2 million square meters). These imports were 17% less than those of October 2002 and 41% less than those of November 2001. Wallboard exports to 20 countries and territories in November 2002 were 3,700 t, equivalent to 4.4 million square feet (411,000 square meters). These exports were 36% less than those of October 2002 and 33% less than those of November 2001.

Notice

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TABLE 1
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2002			2001
	December	November	January-December	January-December
Crude:				
Mined 3/	1,210,000	1,250,000	15,600,000	16,500,000
Imported 4/	NA	730,000	NA	8,070,000
Exported 4/	NA	12,900	NA	270,000
Synthetic gypsum 5/	462,000	421,000	5,260,000	5,730,000
Total supply	NA	2,390,000	NA	30,000,000
Calcined:				
Produced	1,400,000	1,490,000	22,600,000	18,300,000
Imported 6/	NA	719	NA	9,110
Exported 6/	NA	12,900	NA	266,000
Total supply	NA	1,470,000	NA	18,000,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2002			2001
	December	November	January-December	January-December
Uncalcined: 3/				
Portland cement	242,000	375,000	3,930,000	4,350,000
Agriculture and misc.	232,000	195,000	2,570,000	4,130,000
Total supply	474,000	570,000	6,500,000	8,480,000
Calcined:				
Board products 4/	1,820,000	1,880,000	24,900,000	24,400,000
Plaster	26,300	28,500	382,000	378,000
Total	2,850,000	1,910,000	25,300,000	24,800,000
Board products: (Thousand square feet) 5/				
Regular board	1,340,000	1,390,000	17,800,000	17,100,000
Type X board	651,000	647,000	9,030,000	9,200,000
Other	199,000	220,000	3,000,000	3,040,000
Total supply	2,190,000	2,260,000	29,900,000	29,300,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002			2001
	November	October	January-November	January-November
Canada	471,000	423,000	4,890,000	5,260,000
China	--	--	--	20
Cyprus	--	--	--	8,960
Germany	--	--	--	21
Italy	--	--	10,100	--
Japan	--	--	3	7
Korea, Republic of	--	3	273	--
Mexico	166,000	146,000	1,730,000	1,670,000
Morocco	--	18	18	6
Spain	92,800	--	698,000	750,000
Thailand	--	--	79,400	74,500
United Kingdom	--	--	88	274
Total	730,000	569,000	7,400,000	7,770,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2001:				
November	2,200	1,490	768	51
December	1,660	1,180	498	25
January-December	24,600	16,600	8,270	278
2002:				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	2,090	1,410	742	64
April	2,180	1,450	749	20
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	2,190	1,570	631	14
October	2,020	1,470	569	18
November	1,970	1,250	730	13
December	NA	1,210	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2002:											
December:											
Lath	--	32	12	--	6	--	--	1	20	--	72
Veneer base	18,000	2,370	6,890	636	8,160	4	34	339	1,400	27	37,900
Sheathing	1,160	3,090	3,670	4,510	7,550	1,660	7,210	5,500	5,750	1,050	41,200
Regular gypsum board	34,700	123,000	182,000	104,000	340,000	89,800	166,000	130,000	145,000	19,500	1,340,000
Type X gypsum board	19,800	68,800	98,900	57,200	96,300	21,800	74,000	82,500	128,000	3,860	651,000
Predecorated board	316	764	953	524	1,060	337	603	384	638	71	5,650
5/16 Mobile home board	--	1,740	3,380	10	7,660	9,880	4,190	901	671	--	28,400
Water/moisture resistant board	3,830	14,400	11,700	4,870	16,600	3,360	8,940	7,700	10,900	2,990	85,300
Total	77,800	214,000	308,000	172,000	477,000	127,000	261,000	228,000	293,000	27,500	2,190,000
January-December											
Lath	22	252	139	--	76	2	4	9	350	--	855
Veneer base	251,000	33,900	92,300	10,800	108,000	256	940	4,000	18,000	395	520,000
Sheathing	15,100	42,500	47,300	59,400	105,000	22,200	106,000	66,700	90,500	10,800	565,000
Regular gypsum board	465,000	1,670,000	2,460,000	1,200,000	4,800,000	1,200,000	2,230,000	1,620,000	1,920,000	256,000	17,800,000
Type X gypsum board	274,000	948,000	1,340,000	738,000	1,490,000	309,000	977,000	1,080,000	1,810,000	58,900	9,030,000
Predecorated board	4,230	8,020	12,200	6,430	16,600	4,770	10,800	4,420	8,430	731	76,600
5/16 Mobile home board	--	26,000	101,000	37	192,000	219,000	121,000	19,400	13,800	338	692,000
Water/moisture resistant board	52,800	197,000	151,000	63,200	243,000	42,800	119,000	98,000	149,000	31,300	1,150,000
Total	1,060,000	2,920,000	4,210,000	2,080,000	6,960,000	1,800,000	3,560,000	2,890,000	4,010,000	368,000	29,900,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.